



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBEM12669/P-1-01
Job Sheet 170988



Part No: RBEM12669/P-1-01

Job Qty: 1 ea

Part Name: Hoisting Tool Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/25/18

Job Tracking No:

Due Date: 1/31/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBEM12669/P-1-01 REV:4 IPP REV A 18.01.25 NEW ISSUE RQ VERIFIED BY DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	1 Ea		1/30/18	0.00	0.00	Start Up Machining-4		18-3-11
100	CNC Lathe	1 pcs		1/30/18	0.00	0.08	MORI SL 154		18-3-11
110	QC	1 pcs		1/30/18	0.00	0.00	QC2 Machining-5		18-3-11
130	QC	1 pcs		1/30/18	0.00	0.00	QC8 Machining-5		18-3-11
140	HandFinish	1 pcs		1/31/18	0.00	0.05	Powdercoat6		18-3-11
150	QC	1 pcs		1/31/18	0.00	0.00	QC3		18-3-11
230	Packaging	1 pcs		1/31/18	0.00	0.00	Packaging3-2		18-3-11
240	QC21-SA	1 Ea		1/31/18	0.00	0.00	QC21		18-3-11

Part Op 100 - 1-Machine as per folio FB 934 FOLIO REV: _____ DWG REV: 9-89 MAR 15 2018
Descriptions: 230 - IDENTIFY AND STOCK

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M1018R3.125	TBD	.3700 (.37 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	M1018R3.125	0	0	0

5049644

2.29

Part Specifications

Specifications could not be found.



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Plex 1/25/18 11:39 AM Dart.lajeunesse.marie

Container No: S049930



Part: RBEM12669/P-1-01

Job No: 170988

Serial No/Batch: S049930

Revision: 4

Inspector:

Date: 03/11/18

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
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Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



Used:

Date: _____

Work Order update only ☐

Order: _____

Part No. _____

NCR No. _____

DISPOSITION

Rework ☐
Scrap ☐
Use-as-is ☐
Suspected Unapproved ☐

AGAINST DEPARTMENT/PROCESS

Skid-tube ☐
Machining ☐
Thermoforming ☐
Large Fab ☐

Cross tube ☐
Small Fab ☐
Finishing ☐
Composite ☐

Water Jet ☐
Prod. Eng. Coord. ☐
Rec/Store/Packaging ☐
Supplier ☐

Engineering ☐
Quality ☐
Other ☐

Step #: _____

QTY Effective : _____

MRB (QSI042) Approval

Description Work Order Deviation

Disposition

Completed By

Lead hand / Supervisor
Approval Verification

QC / QA Coordinator
Approval

Root Cause

Environment ☐
Design ☐
Doc/Data ☐
Tooling ☐
Handling/Pre ☐
Material ☐
Transport ☐
Knowledge ☐
LOA ☐
Substation ☐
Expiry Date ☐
Identified ☐

☐ No Re-verification
☐ Operator
☐ Offset/Setup
☐ Supplier
☐ Training
☐ Use for Testing
☐ Poor Information
☐ Rushing
☐ Product Improvement
☐ Process Improvement
☐ Manufacturing Process
☐ Past Due

☐ Pressure/Forced
☐ Bending
☐ Centre Not Concentric
☐ Cracks
☐ Crimp/Kink/Ripple/Wave
☐ Cuffs
☐ Crushing
☐ Heat Treat
☐ Wave/Twist in Tube
☐ Marks/Chatter

FAULT CATEGORY

☐ Temperature/Cure
☐ Set-up
☐ BOM/Route
☐ Broken/Damage/Defect
☐ Inspection Incomplete/Unqualified
☐ Contamination
☐ Countersink
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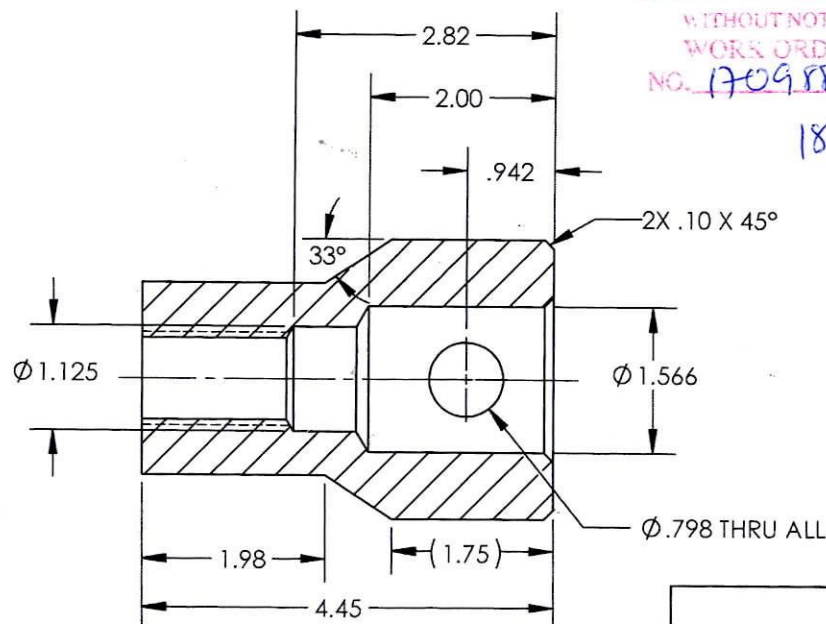
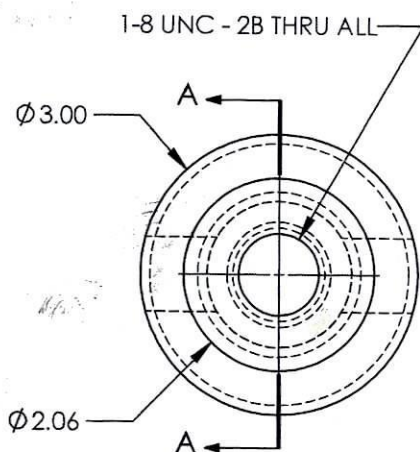
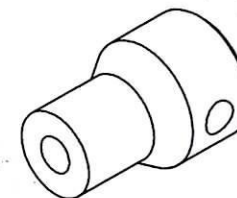
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☐ Misread
☐ Turning Seq

OTHER : _____

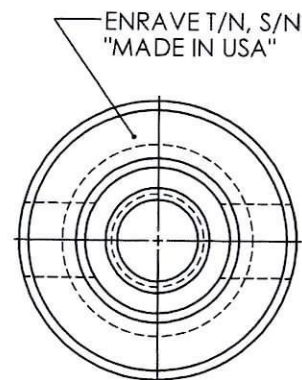
This drawing, specifications, and concepts contained here in are the sole property of Dart Aerospace, and may not be reproduced or used in any fashion without the prior written permission of Dart Aerospace Eugene, OR.

REV	EGR	DESCRIPTION	DATE	INITIAL	APPROVED
1		-01 BODY O.D. CHANGE FROM 3.5 TO 3.00.	9/24/2010	WP	DW
2		-01 ADDED 5/16-18 THREADED HOLE.	3/14/2011	JAG	RW
3		-01 DELETED 5/16-18 HOLE, WILL BE DRILLED AT ASSEMBLY.	11/16/2011	RJC	
4	17-0102	-01 DELETED DIM'S (.82), 1.65. ADDED DIM (1.75). CH'D FINISH WAS POWDER COAT FORREST T33/0 S9 RED WAGON IS POWDER COAT RED. CH'D MAT'L WAS 1018 IS 1018/1020 CR.	4/26/2017	RJC	JAG

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 170988 hcs
180125



SECTION A-A



ENRAVE T/N, S/N,
"MADE IN USA"

(-01)

BODY

DART AEROSPACE	
TITLE HOISTING TOOL ASSEMBLY	
DWG NO. RBEM12669/P-1-01	REV 4
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH POWDER COAT RED	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125/√
DRAWN BY: RJC 04/26/2017	1. BREAK ALL SHARP EDGES
CHECKED: DD 04/26/2017	.015 x 45° OR .015R
OPPS APPR: AA 05/05/2017	2. DIMENSIONAL LIMITS APPLY
QA APPR: JL 05/10/2017	AFTER PLATING
APPROVED: JAG 05/16/2017	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:2	DATE 4/26/2017
	SHEET 2 OF 4

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

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